

(12) INTERNATIONAL APPLICATION PUBLISHED UNDER THE PATENT COOPERATION TREATY (PCT)

(19) World Intellectual Property
Organization
International Bureau



(43) International Publication Date
1 July 2004 (01.07.2004)

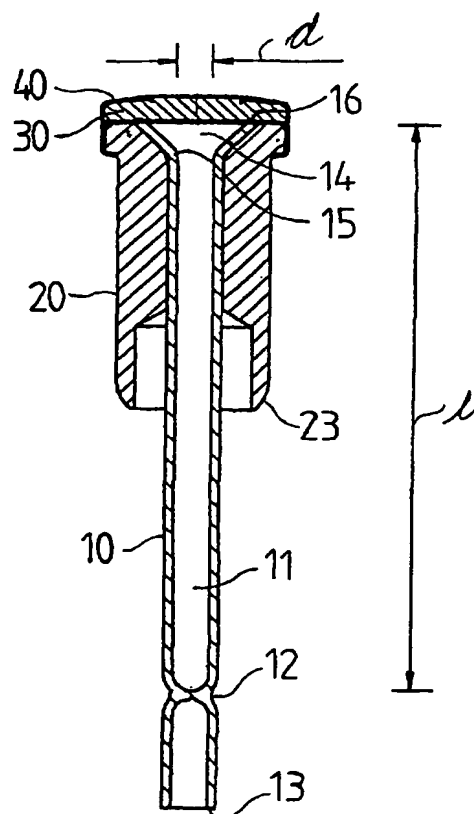
PCT

(10) International Publication Number
WO 2004/054706 A1

- (51) International Patent Classification⁷: **B01J 19/12**
- (21) International Application Number:
PCT/SE2003/001996
- (22) International Filing Date:
18 December 2003 (18.12.2003)
- (25) Filing Language: English
- (26) Publication Language: English
- (30) Priority Data:
02028410.5 18 December 2002 (18.12.2002) EP
60/433,970 18 December 2002 (18.12.2002) US
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- (81) Designated States (*national*): AE, AG, AL, AM, AT (utility model), AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ (utility model), CZ, DE (utility model), DE, DK (utility model), DK, DM, DZ, EC, EE (utility model), EE, EG, ES, FI (utility model), FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NI, NO, NZ, OM, PG, PH, PL, PT (utility model), PT, RO, RU, SC, SD, SE, SG, SK (utility model), SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW.
- (84) Designated States (*regional*): ARIPO patent (BW, GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW), Eurasian patent (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European patent (AT, BE, BG, CH, CY, CZ, DE, DK, EE,

[Continued on next page]

(54) Title: VESSEL FOR PERFORMING MICROWAVE-ASSISTED CHEMISTRY ON SMALL VOLUMES OF REAGENTS



(57) Abstract: A micro vial assembly for performing microwave-assisted chemical reactions on small reaction mixture volumes is disclosed, wherein a reaction vessel (10) is sealed through a diaphragm (30) that is capped over an open end of the reaction vessel. The reaction vessel mouths in an end plane of a sleeve (20) surrounding the reaction vessel, the diaphragm being clamped for sealing the open end of the vessel by means of a cap (40) which is secured to the sleeve. The sleeve provides a radial extension of the reaction vessel in order to bridge the radial distance between a wall of the reaction vessel and other components in a system for performing microwave-assisted chemical reactions.



ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PT, RO, SE,
SI, SK, TR), OAPI patent (BF, BJ, CF, CG, CI, CM, GA,
GN, GQ, GW, ML, MR, NE, SN, TD, TG).

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Published:

— *with international search report*